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## (54) MOBILE COMMUNICATION SYSTEM AND MULTICAST METHOD IN MOBILE COMMUNICATION SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To realize multicast group management for realizing IP multicast communications in a mobile communication system connected to an IP network.

SOLUTION: A PDSN 106 which is directly connected to a radio access network 112 and is a router for managing terminal movement is arranged as a multicast router having a function for managing multicast membership. The PDSN 106 manages multicast group information 301 participated in by an MS 102 in every MS 102, manages the correspondence of a multicast group 401 in which all of connected MS 102 participate and a member 402 as multicast membership information, refers to the information 301 managed in MS correspondence with movement processing performed at a time when the MS moves between PDSNs as a trigger and the PDSN 106 updates the multicast membership information.

